



3M™ Hi-Strength 90 Spray Adhesive (Aerosol)

Last Revision Date: Oct, 2020

Product Description

An industrial grade spray adhesive that is typically used for bonding HPL to wood.

Product Features

- A high strength, fast, contact-type adhesive
- Excellent adhesive for decorative laminates, particleboard, and many other materials, even polyethylene, polypropylene, and SBR rubber

Technical Information Note

The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Typical Physical Properties

Property	Values	Additional Information
Solids Content by Weight	23 %	
Spray Pattern	Variable Lace	
Color	Translucent	
VOC	<55 %	
Coverage	23.6 sq ft	View
Notes: @ 2.5 gms /ft ² per lb (sqft)		
Hazardous Air Pollutants (HAPS)	< 0.1 % by weight	
Dry Time	1 min	View
Notes: Dry time will depend on ambient temperature, humidity and coverage applied.		
Shear Adhesion Failure Test - SAFT	210 °F	View

Notes: SAFT Shear Adhesion Failure Test with birch plywood, 1 inch overlap, 100 grams used, temperature start at 90°F and ramped 10°F every 10 min. until complete failure.

Flammable Solvent	Yes
Flammable Propellant	Yes
Base	Synthetic Elastomer
Bonding Range	1-10 min

Typical Uncured Physical Properties

Property	Values	Additional Information
Density	6 lb/gal	

Storage and Shelf Life

Store product at 60-80°F (16-27°C) for maximum storage life. Higher temperatures reduce normal storage life. Lower temperatures may cause increased viscosity of a temporary nature. Rotate stock on a “first in-first out” basis.

When stored at the recommended conditions in original, unopened container, this product has a shelf life of 18 months from date of manufacture.

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References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/company-us/all-3m-products/~//3M-Hi-Strength-90-Spray-Adhesive/?N=5002385+3293242219&rt=rud
Safety Data Sheet SDS	https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=90 Aerosol

Family Group

Link Tags:

- [90 Aerosol](#)
- [90 Cylinder](#)
- [90 Bulk](#)

Products	Solids Content by Weight	Spray Pattern	Color
90 Aerosol	23 %	Variable Lace	Translucent

90 Cylinder	13 %	Lace	Translucent
90 Bulk	23 %	Lace	Translucent

Precautionary Information

Refer to product label and Material Safety Data Sheet for health and safety information before using this product. For additional health and safety information, call 1-800-364-3577 or (651) 737-6501.

Information

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